

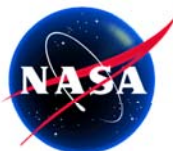
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# GOES-R Architecture Study

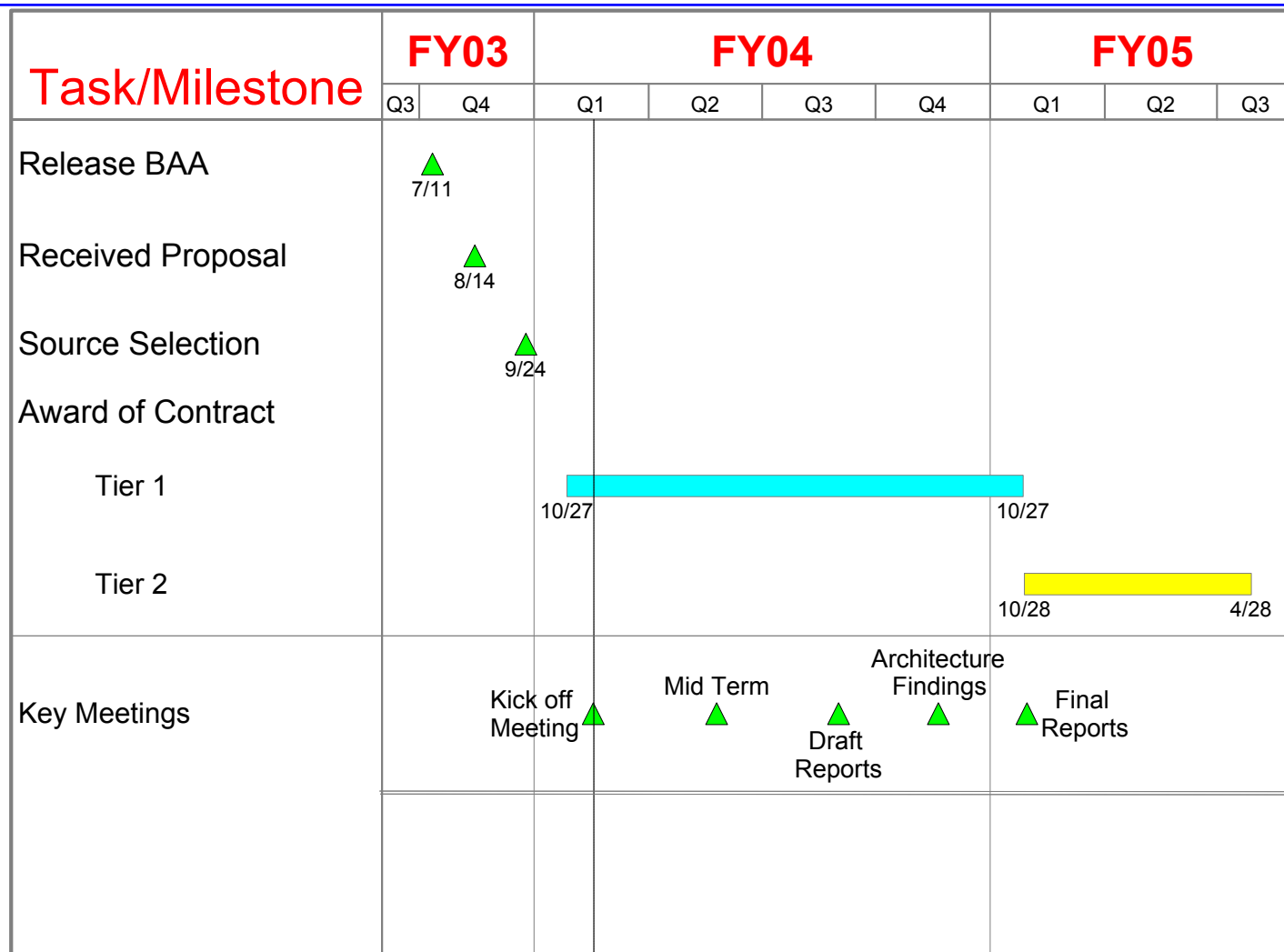
Gus Comeyne

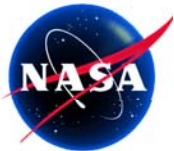
November 18, 2003

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# Schedule



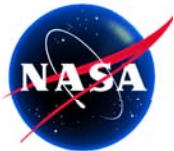


# BAA Management

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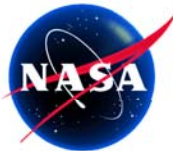
- Jay Moore - Contracting Officer
- Gus Comeyne – COTR
  - Pager : 1-877-810-7333
- Scope change can only be directed by the Contracting Officer at the request of the COTR



# Tasks Leads

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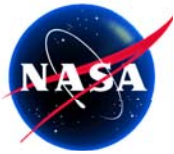
- Alexander Krimchansky (Alexander.Krimchansky@nasa.gov)
    - Task Area 1 - Space and Launch Segments
  - Les Shipley (Les.Shipley@noaa.gov)
    - Task Area 2: Command, Control and Communications (C3) Segments
  - Les Shipley (Les.Shipley@noaa.gov)
    - Task Area 3: Production Generation and Distribution, Archive and Access, and User Interface Segments
  - Gus Comeyne (Gus.Comeyne@noaa.gov)
    - Task Area 4: End-to-End System Integration
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# Process



- All information provided to/from Task Leads
  - All emails CC Gus Comeyne
- All documents need to be delivered to John Prowell (Silver Spring)
  - Forward to pertinent people
- All supporting documentation for the Architecture Study will be on the BAA web page:
  - [http://www.osd.noaa.gov/goesr\\_arch\\_study/index.htm](http://www.osd.noaa.gov/goesr_arch_study/index.htm)

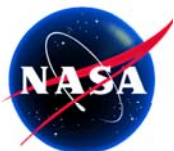


# Proposed Telecons

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- All vendors
  - Weeks of Dec. 1 and Dec. 15
- In January start biweekly meeting
  - 5 vendors week one
    - Ball, Boeing, Lockheed Martin, Northrup Grumman, Raytheon
  - 7 vendor week two
    - Carr/Intelsat, Harris, Honeywell, ISI, Orbital, Loral, SpectrumAstro
  - Alternating weeks thereafter

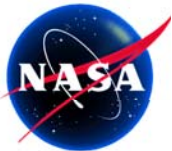


# Overall



- Certain trade studies that cut across all tasks include, but are not limited to:
  - Should the GOES-R Satellite Architecture be Consolidated, Distributed, or Other?
  - What is the most effective and efficient means of providing auxiliary services?
  - What are the most effective methods to rebroadcast data products?

Sat Architecture	Aux Services	Rebroadcast
Consolidated	ON	ON
		OFF
	OFF	ON
		OFF
Distributed	ON	ON
		OFF
	OFF	ON
		OFF
Other	ON	ON
		OFF
	OFF	ON
		OFF



# Conclusion

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- This architecture study is a top level overarching research/trade study of approaches and advanced technologies to accomplish an End-to-End GOES–R Mission (Threshold and/or Goals)
- Don't assume Notional Baseline is final outcome.